

1 **ABSTRACT**

2 A spell checker based on the noisy channel model has a source model and
3 an error model. The source model determines how likely a word w in a dictionary
4 is to have been generated. The error model determines how likely the word w was
5 to have been incorrectly entered as the string s (e.g., mistyped or incorrectly
6 interpreted by a speech recognition system) according to the probabilities of
7 string-to-string edits. The string-to-string edits allow conversion of one arbitrary
8 length character sequence to another arbitrary length character sequence.
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